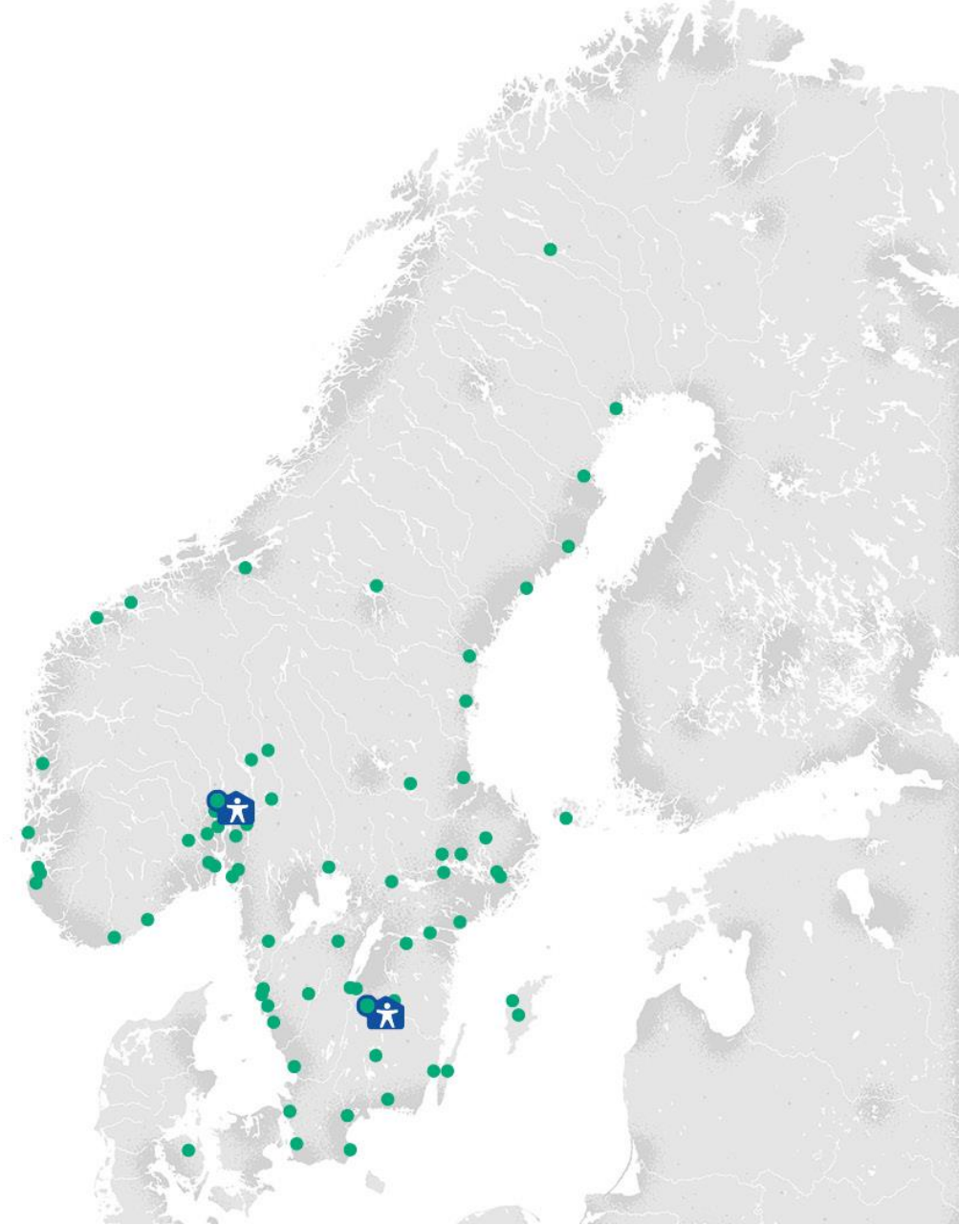


OBOS Fornebu – Low carbon housing area

Anders Gregersen, OBOS Fornebu AS



The leading property developer in the Nordic countries





Number of employees



2 600

Results



Total revenue
MEURO

1 100

Earnings before tax
MEURO

270

Value added equity



MEuro

2 800

Homes sold 2017



3357

Number of members

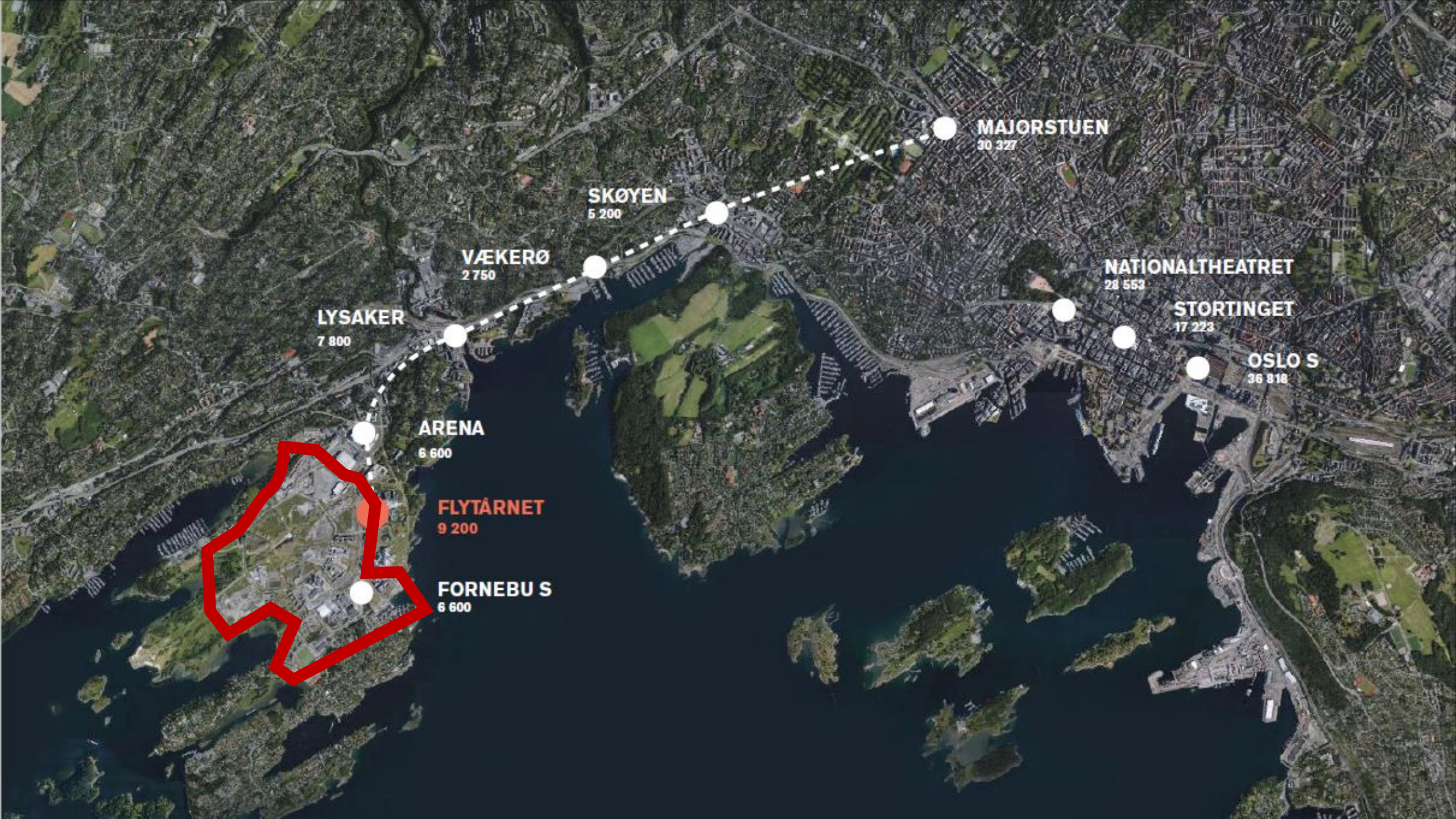


416 800

Number of homes under
management



214 709



MAJORSTUEN
30 327

SKØYEN
5 200

VÆKERØ
2 750

LYSAKER
7 800

NATIONALTHEATRET
28 553

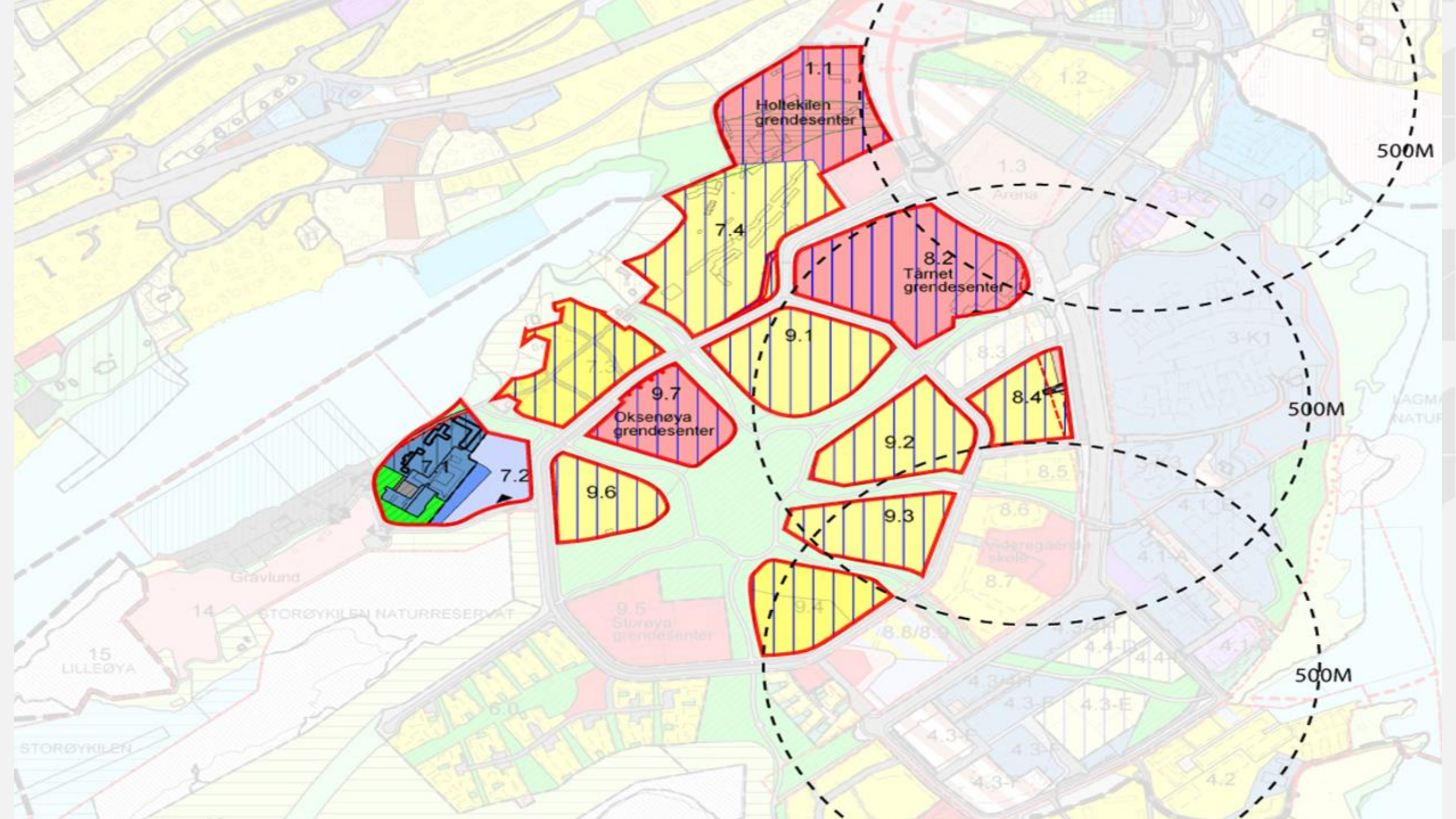
STORTINGET
17 223

OSLO S
36 818

ARENA
6 600

FLYTÅRNET
9 200

FORNEBU S
6 600





BLOMSTER

CAFE

SYKKELREPARASJON

SUSHI

Fornebu 9.4 – Overall ambitions

Develop an attractive urban area

- Focus on good and varied architecture
- Density of 190% - 70 000 m²
- 700 apartments
- 5000 m² commercial space
- Attractiv meeting points
- Common space for the residents
- Facilitate for sharing economy

Reduce greenhouse gases by 30-50% in total

Compact living whitin the 5-minute city.

- Early stage planning is crucial!



FORNEBUHAGEN

DYRVIK ARKITEKTER / TRANSBORDER STUDIO / BOLLINGER + GRÖHMANN / SLA



Early stage partners

**DYRVIK
ARKITEKTER**
DYRVIK.NO

SKANSKA

BOLLINGER+
GROHMANN
Ingenieure

 **enova**

insam

 **erichsen
horgen**

**TRANSE
BOARDER
STUDIO**

**FUTURE
BUILT**

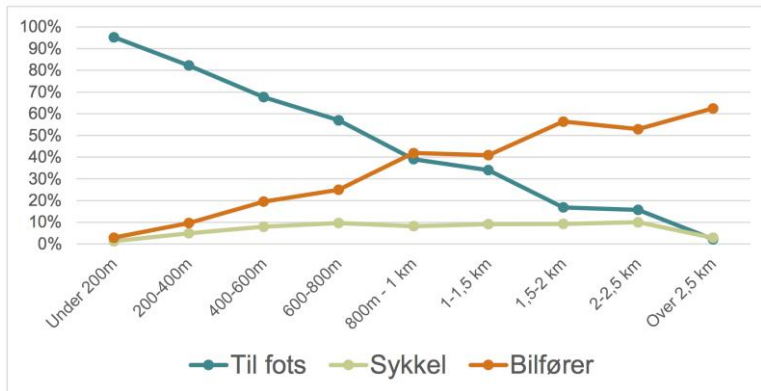
SLA
Urbanity | Strategy | Landscape

Focus areas:



Transport

- Important with high density close to public transportation
- Facilitate for 5-minute city
- Create strategy for Green Mobility
 - "Mobility as a Service"
 - Can mobility package replace private cars?

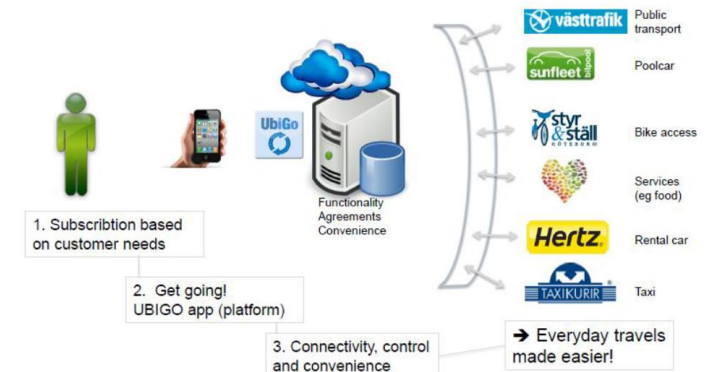


Figur 11: Transportmiddelfordeling for fotgjengere, syklistar og bilførere (kun turer med stopp/ærend underveis, ut ifra total lengden på turen). Figuren er laget på bakgrunn av tall fra RVU 2013/14.



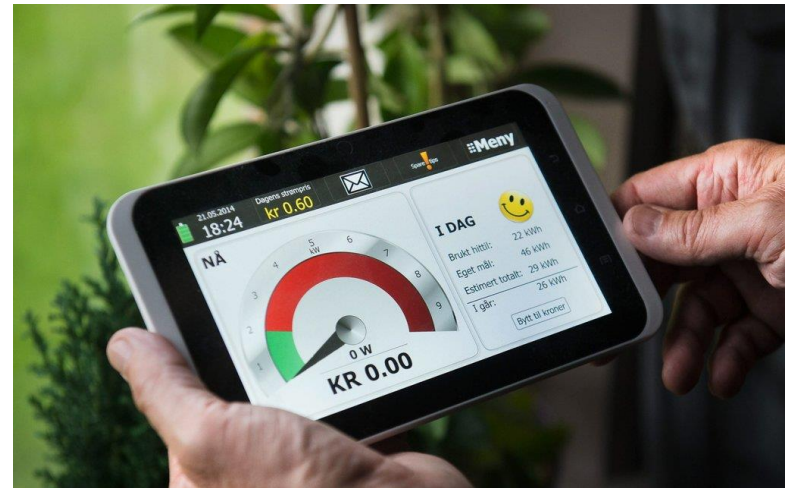
UbiGo, what is it...

Simple, flexible, priceworthy everyday travel – with a bonus!



Energy

- Specific projects:
 - Aprox: 150 nZEB apartments
 - Aprox: 50 Plusshus - Power house apartments
- Strategy for smart energy solutions
 - All apartments offered "Smart-ready"
 - Power management systems
 - Storage of produced energy
 - Sharing energy systems
 - Monitoring and visualization for training of residents

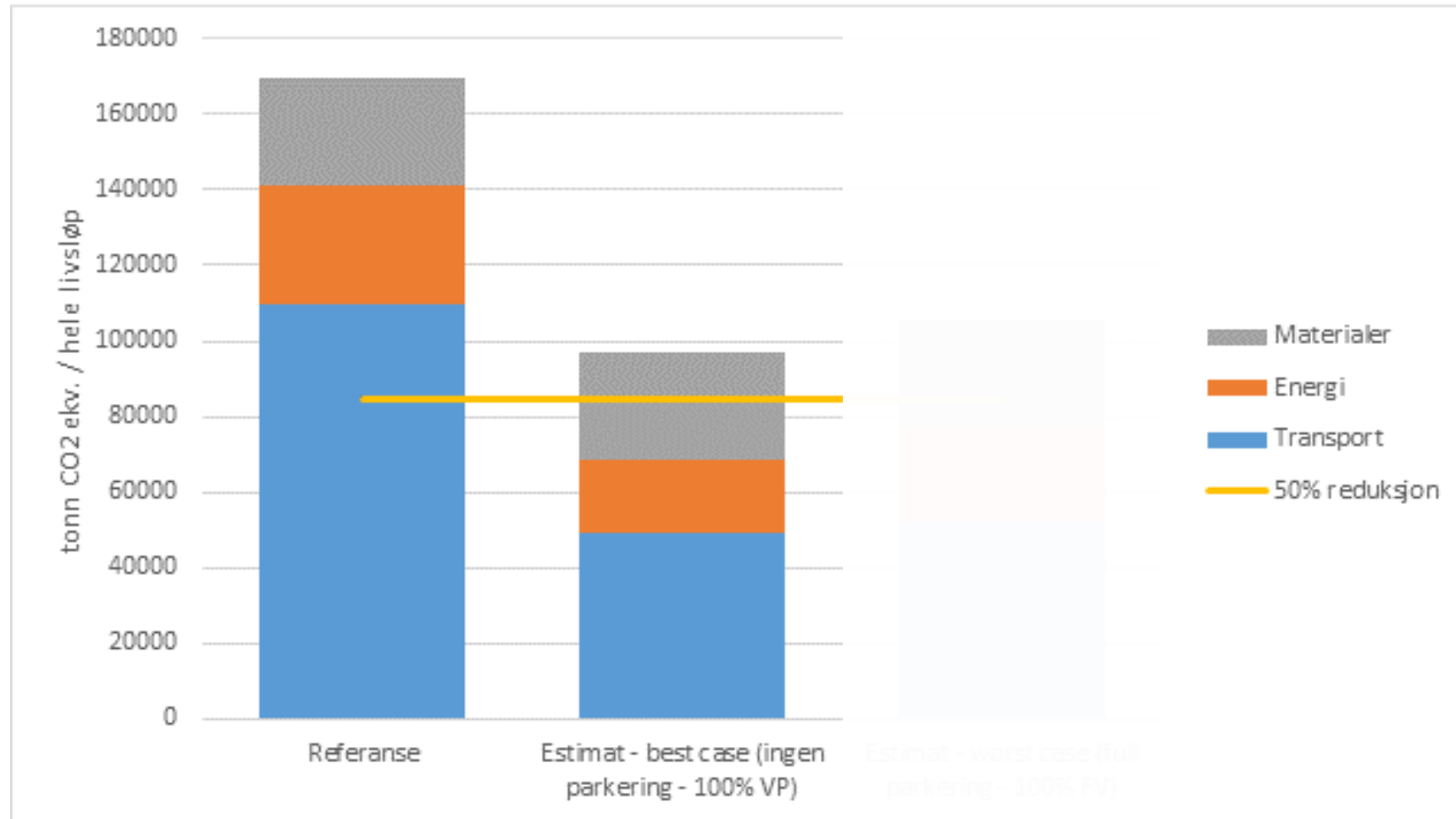


Materials

- Low-carbon concret
- Pilot project for Concret 2.0 – 90% reduction i CO2
- Wood and biomass structures
- Planning for circular economy – Cradle to Cradle
- Reuse of materials



Reduction Carbon dioxide...



Summary



MOBILITET



